Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ TP: \_\_\_\_\_\_\_

Monday Do Now

Geometry

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| Emily is half Mike’s age, plus 7. If Mike is 28 years old, how old is Emily?   1. 23 years old 2. 21 years old 3. 19 years old 4. 17 years old | A board is 6ft 5 in. long. The carpenter cuts it into two pieces. One piece is 3 inches longer than the other piece. How long is the shorter piece?   1. 1 ft 1 in. 2. 3 ft 1 in. 3. 3 ft 1 ½ in. 4. 4 ft 1 in. | |
| 1. Find the perimeter, in feet, of the rectangle below. |  | |
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Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ TP: \_\_\_\_\_\_\_

Tuesday Do Now

Geometry

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|  | Decide if the triangles below are similar or not. If they are not, indicate with which pair of sides the problem lies.   1. They are similar 2. 7 & 14 are the problem 3. 11 & 20 are the problem 4. 9 & 18 are the problem |
| In which of the following lists of numbers are the mean, median, and mode all equal?   * 1. 5, 3, 6, 4, 7, 5, 2, 8, 5   2. 7, 2, 5, 9, 2, 4, 8, 2   3. 6, 9, 4, 7, 6, 3, 5   4. 1, 9, 3, 7, 2, 8, 7 | |
| The equation: $2,225c - $2,000 = P shows the profit (P) a computer store makes selling (c) computers. How many computers must the store sell to make a profit of $49,175?   * 1. 21 computers   2. 22 computers   3. 23 computers   4. 24 computers | A farmer has 40 feet of fence to enclose a chicken pen. If he wants to enclose as large an area as possible, should he make his pen square or circular?  **A.** square  **B.** circular  **C.** both will have the same area  **D.** cannot be determined using the given information |
| Which of the following is an invalid congruency theorem for triangles?  **A.** side-side-side  **B.** side-angle-side  **C.** side-side-angle  **D.** angle-angle-side | |

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ TP: \_\_\_\_\_\_\_

Wednesday Do Now

Geometry

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|  | 1. In a  triangle, how many times larger is the larger leg than the shorter leg?   **A.**  times larger  **B.** 2 times larger  **C.**  times larger  **D.**  times larger |
| 3. In the picture to the right, it may be  concluded that  using which theorem?  **A.** Vertical angle theorem  **B.** Alternate interior angle theorem  **C.** Isosceles triangle theorem  **D.** Triangle sum theorem | |
| You plan on repainting all the outer surfaces of your house. One can of paint costs $12 and covers 800ft2 and you want to cover the house with two coats. How much will you end up spending on paint?    **A.** $96  **B.** $108  **C.** $192  **D.** $204 | 1. The final amounts in the annual fund-raising campaign came in over the high school computer network:     Which of the following statements is FALSE?   * 1. The mode is 42,000.   2. The median is 42,000.   3. The mean is 43,000.   4. The mean is 43,500. |
| Alonso had scores of 7, 9, 9, 3, 6, 5, 9, and 8 on a series of daily math quizzes. In this set of scores, 7 was the….   * 1. mode   2. mean   3. median   4. B and C | |

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ TP: \_\_\_\_\_\_\_

Thursday Do Now

Geometry

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|  | Choose the letter that best fills in the blanks in the sentence below.  *“Two triangles are similar if their corresponding sides \_\_\_\_\_\_\_\_\_ and their corresponding angles \_\_\_\_\_\_\_\_.”*   1. are equal; are equal 2. are equal; have the same proportion 3. have the same proportion; have the same proportion 4. have the same proportion; are equal |
| Which of the following is a solution to  and ? |
| Lines *L*1, *L*2, and *L*3 all lie in the same plane. If *L*1 is perpendicular to *L*2 and *L*2 is perpendicular to *L*3, what can be concluded about *L*1 and *L*3?  **A.** They are perpendicular.  **B.** They are parallel.  **C.** They are neither parallel nor perpendicular.  **D.** There is not enough information to draw any of the above conclusions. | Which inequality has no solutions?  **A.**  **B.**  **C.**  **D.** |
| Robert’s age multiplied by 5, plus 6, equals 41. How old is Robert?   * 1. 4 years old   2. 5 years old   3. 6 years old   4. 7 years old | |